



PTZ Camera Controller

All-scene AI Controller, Simplify All Visual Operations

RK70



7" Touchscreen



4-Split Monitoring



4D Joystick



AI Control
Knob



Motion Path
Recording



Tally Protocol
Support

Designed for broadcasting, enterprise conferences, smart education, and telemedicine. With a high-performance processor and 7-inch HD touchscreen, the RK70 offers real-time 4-channel video preview and precise 1-to-1 control, along with unified management of 254 devices, AI visual control, and real-time Tally feedback—simplifying operations and ensuring efficient, precise, and reliable visual control.

7-inch HD Touchscreen, 4-Split Real-Time



Boasting a 7-inch HD touchscreen, the RK70 simultaneously displays 1 main view and 3 sub-views. It streamlines multi-camera coordination to capture every critical frame, delivering intuitive visual control for live broadcast, corporate conferences and large-scale events.

4D Joystick, Multi-Camera Centralized Management



RK70, equipped with a precise 4D joystick, is capable of managing up to 254 cameras simultaneously, with group and category storage management. It enables unified scheduling and collaborative operation across multiple scenes, saving setup time and labor costs.

AI Visual Control Knob, One-Tap Intelligent Operation



RK70 comes with an innovative visualized AI control knob. Free from complicated menu navigation, users can instantly trigger AI functions. Its straightforward interface delivers efficient operation, friendly enough for new operators.

Motion Path Recording, Accurate Playback



RK70 features built-in motion path recording and playback to save intricate camera movements for one-click replay. It minimizes repeated configuration work, standardizes operation procedures and optimizes overall workflow efficiency.

Tally Protocol Support*



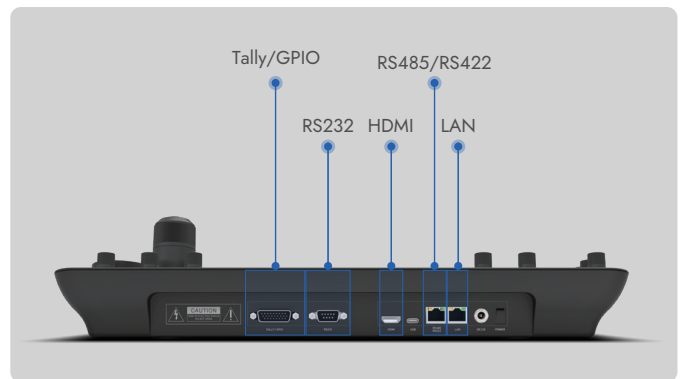
RK70 supports standard Tally protocol*: receives PGM/PVW signals from production switchers, relays PGM to connected PTZ cameras. Touchscreen Tally indicator shows real-time live/preview status to prevent unexpected broadcast faults.

Multi-Protocol Compatibility



RK70 supports mainstream control protocols including optional NDI*, VISCA over IP, ONVIF, VISCA, Pelco-D, Pelco-P. It works seamlessly with most PTZ cameras available on the market and enables efficient cross-platform system integration.

Comprehensive Interfaces, PoE+ Power Supply



RK70 comes with abundant ports including LAN, RS422/485, USB-C, HDMI 2.0, RS232 and Tally/GPIO interfaces. It easily connects to switchers, recorders, monitors and other peripheral devices, supporting full-process signal transmission, data exchange and status feedback. PoE+ power supply further simplifies on-site deployment.

RK70 SPECIFICATIONS

HUMAN-MACHINE INTERFACE

Display	7-inch touchscreen, 1024×600 resolution
AI Control Knob	Quick access to AI functions with visual feedback
Control Knobs	Quick control of iris, shutter, gain, AE, and WB
4D Joystick	Pan / Tilt / Zoom / Confirm
Camera Groups	16 groups (16 per group)
Maximum Supported Cameras	Up to 254 cameras
Number of Preset	Up to 255 presets

INPUT/OUTPUT INTERFACE

Video Interface	1 × HDMI 2.0 OUT
Network Interface	1 × RJ45: 10/100/1000 Mbps adaptive Ethernet, IEEE 802.3at PoE+ supported
USB Interface	1 × USB 3.1 Type-C
Control Interface	1 × RS422 / RS485, 1 × RS232
Tally/GPIO Interface	1 × DB26

GENERAL SPECIFICATIONS

Power Supply	DC 12 V / 2 A (±10%) / PoE+ (IEEE 802.3at)
Power Consumption	<15W
Operating Temperature	-10°C ~ 50°C / 14°F ~ 122°F
Storage Temperature	-40°C ~ 60°C / -40°F ~ 140°F

COMMUNICATION PROTOCOLS

IP Protocols	NDI [®] *, VISCA over IP, ONVIF
Serial Protocols	VISCA, Pelco-D, Pelco-P
Baud Rate	2400~38400 bps

*This feature is optional.

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